

What is claimed is:

1. A picture displaying apparatus,
comprising:

a plurality of scanning lines to which
scanning signals are inputted, respectively;

5 a plurality of data lines to which data
signals are inputted, respectively;

a light emission element disposed at each
of a plurality of intersections composed of said
plurality of scanning lines and said plurality
10 of data lines;

a picture displaying unit having said
plurality of light emission elements; and

a memory unit storing a single display
data indicative of an display content of said
15 picture displaying unit, and

wherein said memory unit has a plurality
of memory cells, and

wherein each of said plurality of memory
cells stores a unit display data of a part of
20 said single display data, and

wherein a plurality of said unit display
data stored in said plurality of memory cells
are read from said memory unit in a different
order for each single predetermined frame or
25 each plural predetermined frames, and

wherein said plurality of unit display

data are written to said picture displaying unit in an order when said plurality of unit display data are read from said memory unit, such that
30 said display content in said picture displaying unit is different for said each predetermined frame or frames.

2. The picture displaying apparatus according to claim 1, wherein when said plurality of unit display data are read from said memory unit, at least one specific memory cell among said
5 plurality of memory cells is used as a read start position and said plurality of unit display data are read in accordance with an arrangement order of said plurality of memory cells from said specific memory cell, and

10 wherein said specific memory cell is changed for said each predetermined frame or frames.

3. The picture displaying apparatus according to claim 1, wherein a part of said plurality of unit display data is changed before said part of said plurality of unit display data is read from
5 said memory unit, and

wherein said plurality of unit display data including said changed part of said

plurality of unit display data are read from
said memory unit in said different order for
10 said each predetermined frame or frames, and
wherein said plurality of unit display
data including said changed part of said
plurality of unit display data are written to
said picture displaying unit, in accordance with
15 said order when said plurality of unit display
data are read from said memory unit.

4. The picture displaying apparatus according
to claim 2, wherein a part of said plurality of
unit display data is changed before said part of
said plurality of unit display data is read from
5 said memory unit, and

wherein said plurality of unit display
data including said changed part of said
plurality of unit display data are read from
said memory unit in said different order for
10 said each predetermined frame or frames, and
wherein said plurality of unit display
data including said changed part of said
plurality of unit display data are written to
said picture displaying unit, in accordance with
15 said order when said plurality of unit display
data are read from said memory unit.

5. A picture displaying apparatus,
comprising:

a plurality of scanning lines to which
scanning signals are inputted, respectively;

5 a plurality of data lines to which data
signals are inputted, respectively;

a light emission element disposed at each
of a plurality of intersections composed of said
plurality of scanning lines and said plurality
10 of data lines;

a picture displaying unit having said
plurality of light emission elements; and

a memory unit storing a single display
data indicative of an display content of said
15 picture displaying unit, and

wherein said memory unit has a plurality
of memory cells, and

wherein said picture displaying unit has a
plurality of pixels corresponding to said
20 plurality of light emission elements, and

wherein each of said plurality of memory
cells stores a unit display data of a part of
said single display data, and

wherein said unit display data is written
25 to each of said plurality of pixels, and

wherein a plurality of said unit display
data read from said plurality of memory cells

are written to said picture displaying unit in a different order for each predetermined frame or
30 each plural predetermined frames, such that said display content in said picture displaying unit is different for said each predetermined frame or frames.

6. The picture displaying apparatus according to claim 5, wherein when said plurality of unit display data are written to said picture displaying unit, at least one specific pixel
5 among said plurality of pixels is used as a write start position and said plurality of unit display data are written in accordance with an arrangement order of said plurality of pixels from said specific pixel, and
10 wherein said specific pixel is changed for said each predetermined frame or frames.

7. The picture displaying apparatus according to claim 5, wherein a part of said plurality of unit display data is changed before said part of said plurality of unit display data is read from
5 said memory unit, and

wherein said plurality of unit display data including said changed part of said plurality of unit display data are written to

said picture displaying unit in said different
10 order for said each predetermined frame or
frames.

8. The picture displaying apparatus according
to claim 6, wherein a part of said plurality of
unit display data is changed before said part of
said plurality of unit display data is read from
5 said memory unit, and

wherein said plurality of unit display
data including said changed part of said
plurality of unit display data are written to
said picture displaying unit in said different
10 order for said each predetermined frame or
frames.

9. The picture displaying apparatus according
to claim 1, wherein said picture displaying unit
is designed such that lights of said picture
displaying unit can be emitted in three colors
5 of R, G and B, and

wherein a supply of currents to said
plurality of data lines corresponding to at
least one of said three colors of R, G and B is
stopped, such that said lights are emitted from
10 said picture displaying unit in one or two
colors among said three colors of R, G and B.

10. The picture displaying apparatus according to claim 5, wherein said picture displaying unit is designed such that lights of said picture displaying unit can be emitted in three colors

5 of R, G and B, and

wherein a supply of currents to said plurality of data lines corresponding to at least one of said three colors of R, G and B is stopped, such that said lights are emitted from
10 said picture displaying unit in one or two colors among said three colors of R, G and B.

11. The picture displaying apparatus according to claim 9, wherein said at least one of said three colors of R, G and B is changed for said each predetermined frame or frames.

12. The picture displaying apparatus according to claim 10, wherein said at least one of said three colors of R, G and B is changed for said each predetermined frame or frames.

13. The picture displaying apparatus according to claim 1, wherein said single display data is one of static picture data and dynamic picture data.

14. The picture displaying apparatus according to claim 5, wherein said single display data is one of static picture data and dynamic picture data.

15. The picture displaying apparatus according to claim 1, wherein said light emission element is one of an EL element, a light emitting diode and an FED.

16. The picture displaying apparatus according to claim 5, wherein said light emission element is one of an EL element, a light emitting diode and an FED.

17. A method of driving a picture displaying apparatus, comprising:

(a) providing a picture displaying apparatus which includes a picture displaying
5 unit having a plurality of light emission elements, said plurality of light emission elements being disposed at a plurality of intersections composed of a plurality of scanning lines to which scanning signals are
10 inputted, respectively and a plurality of data lines to which data signals are inputted, respectively;

(b) providing a memory unit storing a single display data indicative of an display content of said picture displaying unit, wherein said memory unit has a plurality of memory cells, and each of said plurality of memory cells stores a unit display data of a part of said single display data;

(c) reading a plurality of said unit display data stored in said plurality of memory cells from said memory unit in a different order for each single predetermined frame or each plural predetermined frames; and

(d) writing said plurality of unit display data to said picture displaying unit in a order when said plurality of unit display data are read from said memory unit, such that said display content in said picture displaying unit is different for said each predetermined frame or frames.

18. The method of driving a picture displaying apparatus according to claim 17, further comprising:

(e) changing a part of said plurality of unit display data before said (c) is performed, and

wherein at said (c), said plurality of

unit display data including said changed part of
said plurality of unit display data are read
10 from said memory unit in said different order
for said each predetermined frame or frames, and
wherein at said step (d), said plurality
of unit display data including said changed part
of said plurality of unit display data are
15 written to said picture displaying unit.

19. A method of driving a picture displaying
apparatus, comprising:

(f) providing a picture displaying
apparatus which includes a picture displaying
5 unit having a plurality of light emission
elements, said plurality of light emission
elements being disposed at a plurality of
intersections composed of a plurality of
scanning lines to which scanning signals are
10 inputted, respectively and a plurality of data
lines to which data signals are inputted,
respectively, wherein said picture displaying
unit includes a plurality of pixels
corresponding to said plurality of light
15 emission elements;

(g) providing a memory unit storing a
single display data indicative of an display
content of said picture displaying unit, wherein

said memory unit has a plurality of memory cells,
20 and each of said plurality of memory cells
stores a unit display data of a part of said
single display data;

(h) reading a plurality of said unit
display data from said plurality of memory
25 cells; and

(i) writing said read unit display data to
each of said plurality of pixels, and

wherein at said (i), said plurality of
read unit display data are written to said
30 picture displaying unit in a different order for
each single predetermined frame or each plural
predetermined frames, such that said display
content in said picture displaying unit is
different for said each predetermined frame or
35 frames.

20. The method of driving a picture displaying
apparatus according to claim 19, further
comprising:

(j) changing a part of said plurality of
5 unit display data before said (h) is performed,
and

wherein at said step (h), said plurality
of unit display data including said changed part
of said plurality of unit display data are read

- 10 from said plurality of memory cells, and
- wherein at said step (i), said plurality of unit display data including said changed part of said plurality of unit display data are written to said picture displaying unit in said
- 15 different order for said each predetermined frame or frames.